

**ENVIRONMENTAL SITE ASSESSMENT
FOR THE
EVALUATION OF POTENTIALLY
HAZARDOUS MATERIALS**

*Vacant area
10, 305 Roandale Dr.
Houston, Texas 77048*

Prepared for
City of Houston
Building Services Department
P.O. Box 1562
Houston, Texas 77251

Attn.: Mr. Gabriel Mussio
Date of the report: January 9, 2006

Prepared by

RAO ENVIRONMENTAL
19333 Hwy. 59 North, Suite 190
Humble, Texas 77338
Tel: 281-548-7050 Fax: 281-548-7030

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1.0 EXECUTIVE SUMMARY

This report represents results of an Environmental Site Assessment of a vacant property located on 10305 Roandale Dr., Houston, Texas 77048. The subject site was inspected on December 29, 2005 by Mr. Zahir Jamal of RAO ENVIRONMENTAL. The subject property is a vacant land and is 7,289 square feet in area. The site has vacant, grassy areas, a tree and a concrete foundation pad of a former building. Hazardous materials were not found at the site. Review of the title search does not indicate property owners, whose names might indicate possible environmental concerns about the site.

Review of the regulatory lists indicates that the subject property is not listed as a NPL (National Priority List), ERNS (Emergency Response Notification System), CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System), RCRIS (Resource Conservation And Recovery Information System), LPST (Leaking Underground Petroleum Storage Tanks), UST (Underground Petroleum Storage Tanks), TSD (Treatment, Storage, and Disposal) or a LANDFILL facility. Adjacent sites and sites within the half-mile radius are not listed as NPL (National Priority List), CERCLIS (Comprehensive Environmental Response, Compensation and Liability Information System), RCRIS (Resource Conservation And Recovery Information System), TSD (Treatment, Storage, and Disposal) and LANDFILL facilities. One facility within the half-mile radius appears on the LPST (Leaking Underground Petroleum Storage Tanks) facilities list. Final concurrence was issued and the case was closed for the facility on 10315 Cullen Blvd. This facility is not adjacent to the property and, therefore, is not of environmental concern to the subject site. One facility within the half-mile radius appears on the UST facilities list.

The Phase 1 ESA based on the on-site inspection, review of the regulatory lists, inquiries with the local governmental agencies, review of the title search, and review of the aerial photos reveals that the site has a low risk with respect to the environmental concerns.

2.0 OBJECTIVE

2.1 Scope of work

The scope of the study included a site visit, a review of the site history, regulatory agency documentation and an environmental assessment of the property.

2.2 Client authorization

The study was authorized by Mr. Gabriel Mussio, Building Services Department, City of Houston, Houston, Texas and was performed for the client in evaluating potential environmental problems associated with the site. If any additional information is known or encountered regarding the site, it should be forwarded to this office for a possible reevaluation of conclusions.

2.3 Limitations and assessment

The Phase I Environmental Site Assessment consists of various studies including a review of the chain of title of the property, an on-site inspection of the site and its facilities, a review of the files at Government and Environmental Regulatory Agencies. All investigations in this study have been conducted in accordance with American Society for Testing and Materials and Standard Practice for Phase I Environmental Site Assessments.

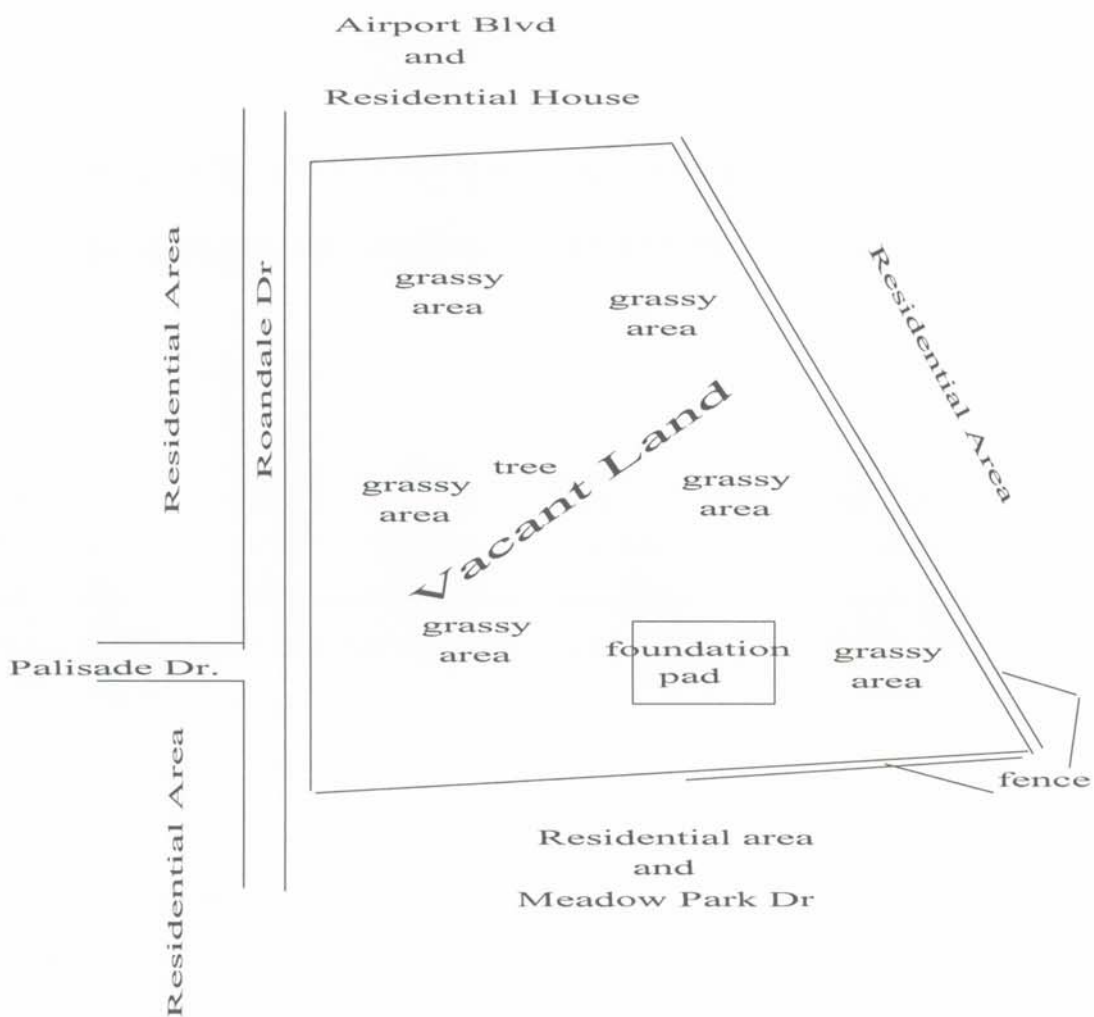


Figure is an approximation

Figure1: Site map- 10305 Roandale Dr., Houston, Texas 77048

Scale: 1" = 30 ft (approx.)

3.0 SITE LOCATION AND DESCRIPTION

The subject property is a vacant land and is 7,289 square feet in area. The site has vacant, grassy areas, a tree and a concrete foundation pad of a former building. The site is legally described as follows:

“Lot 11, Block 7, South Acres, Section 2, a subdivision, located in the John White Survey, Abstract No. 1011, Harris County, Texas, according to the map recorded in Volume 46, Page 23, Harris County Map Records”.

The site is geographically located at Latitude $29^{\circ} 38' 49''$ and Longitude $95^{\circ} 21' 08''$. A site map is presented as Figure-1.

1/4/2006

4.0 ENVIRONMENTAL SETTING

USGS Quadrangle Maps, Texas Water Development Board hydrogeological literature, conversations with the local officials and the Geologic Atlas of Texas were used to determine the environmental setting of the site and the general area.

4.1 Surface water characteristics

The elevation of the site is approximately 40 feet Above Mean Sea Level (AMSL) and can be seen on the Park Place Quadrangle Map. Nearest surface water feature is Sims Bayou. Surface water drainage is to the southeast.

4.2 Groundwater characteristics

Groundwater in the area is obtained from the Chicot and Evangeline aquifers. These units are composed of clay, sand and gravel which were deposited in the fluvial, deltaic, and shallow marine environments and are hydrologically connected. The Chicot aquifer consists of the Willis Sand, Bentley Formation and the Montgomery Formation, Beaumont Formation and overlies the Evangeline aquifer. The Evangeline aquifer consists of the upper most part of the Fleming Formation and the Goliad Sand.

Recharge to the aquifers is from precipitation that falls on the outcrop areas. These formations outcrop in belts that are nearly parallel to the Gulf of Mexico. The Goliad Sand is overlapped by younger formations east of the Brazos river and is not exposed at the surface in the coastal area.

The site is located on the Beaumont Formation which is of quaternary age and consists of mostly stream channel, point bar, natural levee, backswamp and to a lesser extent coastal marsh and mud flat deposits.

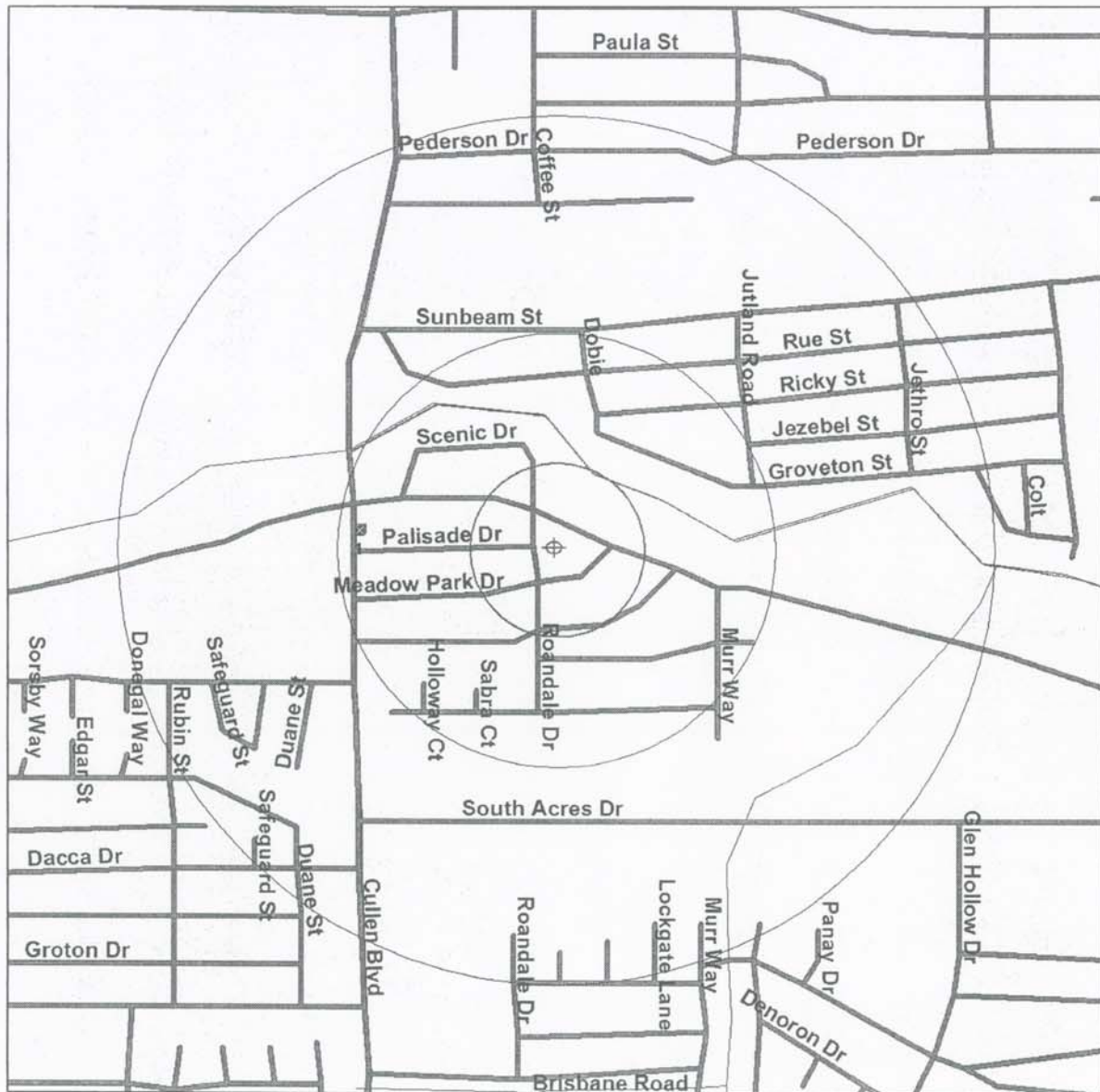


Environmental FirstSearch

.5 Mile Radius
ASTM: CERCLIS, RCRATSD, LUST, SWL



10305 ROANDALE DR, HOUSTON TX 77048



Source: 2002 U.S. Census TIGER Files

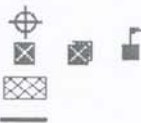
Target Site (Latitude: 29.646876 Longitude: -95.35231)

Identified Site, Multiple Sites, Receptor

NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste

Railroads

Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius





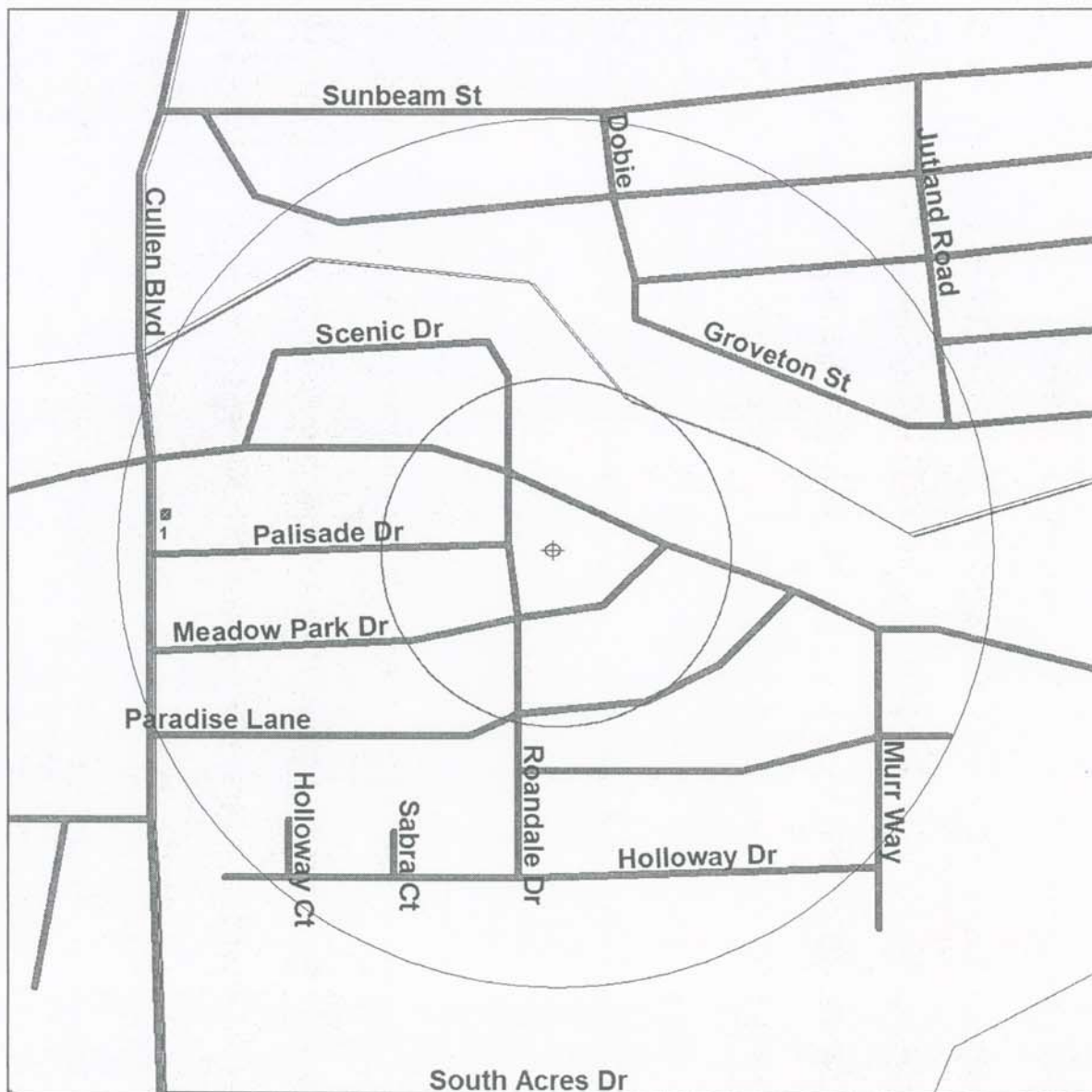
Environmental FirstSearch

.25 Mile Radius







ASTM: NFRAP, RCRAGEN, ERNS, UST, OTHER



10305 ROANDALE DR, HOUSTON TX 77048



Source: 2002 U.S. Census TIGER Files

- Target Site (Latitude: 29.646876 Longitude: -95.35231) 
- Identified Site, Multiple Sites, Receptor   
- NPL, Brownfield, Solid Waste Landfill (SWL) or Hazardous Waste 
- Railroads 
- Black Rings Represent 1/4 Mile Radius; Red Ring Represents 500 ft. Radius

5.0 ENVIRONMENTAL REGULATORY REVIEW

Established lists were checked to evaluate if the site or adjacent properties are reported as having possible environmental concerns. The following paragraphs discuss the agencies and lists conducted.

5.1 Federal and State Regulatory Agency Inquiries

NPL list

This is a list of sites established by Federal Government as having a priority for clean up. Many are superfund sites. The site does not appear on the NPL list. Adjacent sites and sites within the half-mile radius do not appear on the list.

CERCLIS list

The CERCLIS list is compiled by the Federal Government and includes sites which could possibly be contaminated and may require clean up. Many of the sites which appear on the CERCLIS list have been thoroughly investigated. The site, adjacent sites and sites within the half-mile radius do not appear on the list.

RCRIS FACILITIES list

The Resource Conservation and Recovery Information System (RCRIS) is a nationwide data base created to maintain and regulate facilities that handle hazardous waste. The RCRIS data base replaced the HWDMS (Hazardous Waste Data Management System) in September 1992 as a major system supporting the implementation of RCRA (Resource Conservation and Recovery Act). The site, adjacent sites and sites within the half-mile radius do not appear on the RCRIS facilities list.

TSD list

The TSD list consists of facilities that have been registered to treat, store or dispose of hazardous wastes. These facilities are assigned a corresponding TSD number. The site, adjacent properties and properties within the half-mile radius do not appear on the list.

UST list

Owners of Underground Storage Tanks (USTs) are required to register their USTs along with the construction information regarding the UST system with the Texas Commission on Environmental Quality (TCEQ). The property and adjacent properties do not appear on the list. One facility within the half-mile radius appears on the UST facilities list.

LPST list

The LPST list consists of Petroleum Storage Tank Systems which have reported releases of greater than 25 gallons. The list is maintained by the Texas Commission on Environmental Quality under delegation from the EPA. The property and adjacent properties do not appear on the list. One facility within the half-mile radius appears on the LPST facilities list. Final concurrence was issued and the case was closed for the facility on 10315 Cullen Blvd. This facility is not adjacent to the property and, therefore, is not of environmental concern to the subject site.

LANDFILL list

The landfill list is compiled and maintained by the Texas Department of Health and consists of sites identified as landfill, waste processing facility or sludge disposal facility. The site, adjacent properties and properties within the half-mile radius do not appear on the list.

ERNS list

EPA's emergency response notification system consists of a list of reported CERCLA hazardous substance releases or spills in quantities greater than the reportable quantity as maintained at the National Response Center. The site, adjacent sites and sites within the half-mile radius do not appear on the ERNS list.

5.2 Other Local and State Government inquiries:

Harris County Pollution Control Department:

Ms. Fleda Key of the Harris County Pollution Control Department investigated the subject site for records of hazardous chemical spills. She indicated (ROC-1) that there were no chemical spills or accidental fires on record at the subject site during the last five (5) years.

6.0 HISTORICAL USAGE INFORMATION

Site history was investigated by reviewing the property information and aerial photos.

6.1 Current ownership

Review of the title search indicates that the property is currently owned by South Acre Utility Corporation.

6.2 Prior ownership

A copy of the title search is presented in Appendix-B. Review of the title search indicates that the property was never owned by the owners, whose names would indicate possible environmental concerns about the site, such as Landfill companies and Hazardous Waste Storage and Treatment and Disposal facilities. The property was owned by Bayou Estates, Inc. in 1954. Since then, one real estate company owned the site. South Acre Utility South Acre Utility Corporation acquired the site in the year 1956.

6.3 Historical City Directories/ Fire Insurance Maps

Historical City Directories and Fire Insurance Maps were not available for this area.

6.4 Review of the aerial photographs

1944 aerial photo (1"= 700 ') shows the site as a vacant land. Vacant and residential sites are present to the far north, south, east and the west.

1953 aerial photo (1"= 700 ') shows the site as a vacant land. Vacant and residential sites are present to the far north, south, east and the west.

1969 aerial photo (1"= 700 ') shows the site as a vacant land with a small building. Vacant, residential and commercial sites are present to the far north, south, east and the west.

1979 aerial photo (1"= 700 ') shows the site as a vacant land with a small building. Vacant, residential and commercial sites are present to the far north, south, east and the west.

1986 aerial photo (1"= 700 ') shows the site as a vacant land. Vacant, residential and commercial sites are present to the far north, south, east and the west.

1996 aerial photo (1"= 700 ') shows the site as a vacant land. Vacant, residential and commercial sites are present to the far north, south, east and the west.

2004 aerial photo (1"= 700 ') shows the site as a vacant land. Vacant, residential and commercial sites are present to the far north, south, east and the west.

7.0 RESULTS OF THE ON-SITE INSPECTION

The site was inspected on December 29, 2005 by Mr. Zahir Jamal of RAO ENVIRONMENTAL.

7.1 Observations

The subject property is a vacant land and is 7,289 square feet in area. The site has vacant, grassy areas, a tree and a concrete foundation pad of a former building. Entrance to the site is from Roandale Dr. The foundation pad is present to the south of the site. The site has fence of residential houses to the south and east. No pipeline easement areas are present across and along the adjacent boundaries of the site. No other developments or improvements were found at the site.

Vent lines, tankhold areas and steel caps indicative of the buried USTs were not found at the site.

Following is the list of property's usage at the adjacent properties.

- | | |
|------------------------------|--|
| Property usage-north: | Adjacent properties to the north are residential house and Airport Blvd. |
| Property usage-south: | Adjacent properties to the south are a residential area and Meadow Park Dr. |
| Property usage-east: | Adjacent property to the east is a residential area. |
| Property usage-west: | Adjacent properties to the west are Roandale Dr., Palisade Dr. and a residential area. |

7.2 Hazardous substance identification/ inventory

Pesticides, solvents and other hazardous materials were not found at the site.

7.3 PCBs and Radon

PCB containing materials such as capacitors, transformers and light ballasts were not found at the sites. The sites are not in a EPA designated radon gas containing area. The soil at the subject sites, therefore, does not emit radon gas.

7.4 Lead Paint containing materials

Site is a vacant land.

7.5 Sampling results

Site is a vacant land.

8.0 FINDINGS AND CONCLUSIONS

The Phase 1 ESA based on the on-site inspection, review of the regulatory lists, inquiries with the local governmental agencies, review of the title search, and review of the aerial photos reveals that the site has a low risk with respect to the environmental concerns.

9.0 REFERENCES

1. Park Place Quadrangle, USGS Quadrangle Map.
2. Survey documents.
3. Texas Water Development Board, Report 310.
4. Geologic Atlas of Texas, Houston sheet.

Sincerely,

A handwritten signature in blue ink, appearing to read "Rao Somepalli", written over the printed name.

Rao Somepalli, Ph.D.

Project Manager

APPENDIX -A

RECORD OF COMMUNICATION

ROC-1

FROM: Ms. Fleda Key
Harris County Pollution Control Department

Tel #: 713-920-2831

TO: Rao Somepalli

DATE & TIME: January 5, 2006, 10:12 AM

SUMMARY OF COMMUNICATION:

There were no chemical spills on record at the subject site during the last five (5) years.

APPENDIX-B

**TEXAS ABSTRACT SERVICES
412 MAIN ST., SUITE 250
HOUSTON, TEXAS 77002**

HISTORICAL OWNERSHIP REPORT

January 6, 2006

Control No. 11650-E

Mr. Rao Somepali
Rao Environmental Consultants

Re: 10305 Roandale Drive, Houston, Texas

SUBJECT PROPERTY: Lot 11, Block 7, South Acre Estates, Section 2, a subdivision located in the John White Survey, Abstract No. 1011, Harris County, Texas, according to the map recorded in Volume 46, Page 23, Harris County Map Records.

Dear Mr. Somepali:

At your request, we have searched the records of the County Clerk of Harris County, Texas, pertaining to the property referenced above from January 1, 1955 to the present and have determined that the following list represents all of the deeds, surface leases and environmental liens of record within the said period.

DATE:	8-13-54
INSTRUMENT:	Map of South Acre Estates, Section 2
GRANTOR:	Bayou Estates, Inc.
GRANTEE:	The Public
COMMENTS:	59.64 acres
REFERENCE:	46/23 Map Records

DATE:	9-8-54
INSTRUMENT:	Warranty Deed
GRANTOR:	Bayou Estates, Inc.
GRANTEE:	Wynne Realty Company
COMMENTS:	all of Block 7
REFERENCE:	2837/622 Deed Records

Continued

Page 2

DATE: 10-27-55
INSTRUMENT: Warranty Deed
GRANTOR: Wynne Realty Company
GRANTEE: South Acre Utility Corporation
COMMENTS: Lot 11, Block 7
REFERENCE: 3049/97 Deed Records

DATE: 5-2-56
INSTRUMENT: Warranty Deed
GRANTOR: South Acre Utility Corporation
GRANTEE: Harris County Water Control and Improvement District No. 44
COMMENTS: Lot 11, Block 7 (and other property)
REFERENCE: 3153/458 Deed Records

Current through December 30, 2005

Texas Abstract Services disclaims any warranties, expressed or implied concerning this information. Texas Abstract Services' liability for errors or omissions in this information shall be limited to the amount paid for this report. By accepting this form, the party requesting the information agrees that the disclaimer of warranties and liability limitation contained in this paragraph is a part of its contract with Texas Abstract Services and shall cover all actions whether arising hereunder by statute, in contract or in tort.

TEXAS ABSTRACT SERVICES


Jessica M. Lightfoot

5453C12

BAYOU ESTATES PAR R/P NO 1

SUNBEAM STREET

BAYOU ESTATES RUE STREET

070-009-000-0024
1.9631 AC.

5452A3

SOUTHACRES ESTATES
SEC. 2

AIRPORT BLVD.

SCENIC DRIVE

PALISADE DRIVE

ROANDALE

H.C.F.C.D.

5452B1



MAP LOCATION



**Harris
County
Appraisal
District**

0 100 200
PUBLICATION DATE:
10/13/2005

**FACET
5452A**

1	2	3	4
5	6	7	8
9	10	11	12

Subject

APPENDIX-C



Banks Information Solutions, Inc.

Environmental FirstSearch™ Report

TARGET PROPERTY:

10305 ROANDALE DR

HOUSTON TX 77048

Job Number: 31200

PREPARED FOR:

Rao Environmental

19333 Hwy 59 North, Ste. 190

Humble, TX 77338

01-04-06



Tel: (512) 478-0059

Fax: (512) 478-1433

***Environmental FirstSearch
Site Information Report***

Request Date: 01-04-06
Requestor Name: Rao
Standard: ASTM

Search Type: COORD
Job Number: 31200
Filtered Report

TARGET ADDRESS: 10305 ROANDALE DR
HOUSTON TX 77048

Demographics

Sites: 2	Non-Geocoded: 0	Population: NA
Radon: NA		

Site Location

	<u>Degrees (Decimal)</u>	<u>Degrees (Min/Sec)</u>		<u>UTMs</u>
Longitude:	-95.35231	-95:21:8	Easting:	272288.77
Latitude:	29.646876	29:38:49	Northing:	3281791.827
			Zone:	15

Comment

Comment:

Additional Requests/Services

Adjacent ZIP Codes: 1 Mile(s)

Services:

ZIP Code	City Name	ST	Dist/Dir	Sel
77033	HOUSTON	TX	0.09 NE	Y
77047	HOUSTON	TX	0.23 SW	Y
77051	HOUSTON	TX	0.25 NW	Y

	Requested?	Date
Sanborns	No	
Aerial Photographs	No	
Historical Topos	No	
City Directories	No	
Title Search	No	
Municipal Reports	No	
Online Topos	No	

Environmental FirstSearch Search Summary Report

Target Site: 10305 ROANDALE DR
HOUSTON TX 77048

FirstSearch Summary

Database	Sel	Updated	Radius	Site	1/8	1/4	1/2	1/2>	ZIP	TOTALS
NPL	Y	10-07-05	1.00	0	0	0	0	0	0	0
CERCLIS	Y	10-07-05	0.50	0	0	0	0	-	0	0
NFRAP	Y	08-01-05	0.25	0	0	0	-	-	0	0
RCRA TSD	Y	09-22-05	0.50	0	0	0	0	-	0	0
RCRA COR	Y	09-22-05	1.00	0	0	0	0	0	0	0
RCRA GEN	Y	06-13-05	0.25	0	0	0	-	-	0	0
ERNS	Y	12-31-04	0.25	0	0	0	-	-	0	0
State Sites	Y	01/05/05	1.00	0	0	0	0	0	0	0
SWL	Y	09-16-02	0.50	0	0	0	0	-	0	0
Other	Y	06/27/05	0.25	0	0	0	-	-	0	0
REG UST/AST	Y	07/13/05	0.25	0	0	1	-	-	0	1
Leaking UST	Y	06/27/05	0.50	0	0	1	0	-	0	1
- TOTALS -				0	0	2	0	0	0	2

Notice of Disclaimer

Due to the limitations, constraints, inaccuracies and incompleteness of government information and computer mapping data currently available to Banks Information Solutions, Inc., certain conventions have been utilized in preparing the locations of all federal, state and local agency sites residing in Banks Information Solutions, Inc.'s databases. All EPA NPL and state landfill sites are depicted by a rectangle approximating their location and size. The boundaries of the rectangles represent the eastern and western most longitudes; the northern and southern most latitudes. As such, the mapped areas may exceed the actual areas and do not represent the actual boundaries of these properties. All other sites are depicted by a point representing their approximate address location and make no attempt to represent the actual areas of the associated property. Actual boundaries and locations of individual properties can be found in the files residing at the agency responsible for such information.

Waiver of Liability

Although Banks Information Solutions, Inc. uses its best efforts to research the actual location of each site, Banks Information Solutions, Inc. does not and can not warrant the accuracy of these sites with regard to exact location and size. All authorized users of Banks Information Solutions, Inc.'s services proceeding are signifying an understanding of Banks Information Solutions, Inc.'s searching and mapping conventions, and agree to waive any and all liability claims associated with search and map results showing incomplete and or inaccurate site locations.

Environmental FirstSearch
Sites Summary Report

TARGET SITE: 10305 ROANDALE DR
HOUSTON TX 77048

JOB: 31200

TOTAL: 2 **GEOCODED:** 2 **NON GEOCODED:** 0 **SELECTED:** 0

Map ID	DB Type	Site Name/ID/Status	Address	Dist/Dir	Page No.
1	LUST	GULF OIL CORP 60108020 094059	10315 CULLEN HOUSTON TX 77047	0.22 NW	1
1	UST	GULF OIL CORP 0029195	10315 CULLEN HOUSTON TX 77047	0.22 NW	5

Environmental FirstSearch
Site Detail Report

TARGET SITE: 10305 ROANDALE DR
HOUSTON TX 77048

JOB: 31200

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 2

DIST/DIR: 0.22 NW

MAP ID: 1

NAME: GULF OIL CORP 60108020
ADDRESS: 10315 CULLEN
HOUSTON TX 77047
HARRIS
CONTACT: JEFF DOWNING

REV: 06/27/05
ID1: 094059
ID2: 0029195
STATUS:
PHONE: 713/219-5210

SITE INFORMATION

REPORTED: 12/7/1989
ENTERED INTO SYSTEM: 12/7/1989
SITE PRIORITY: gw impacted, no apparent threats or impacts to receptors
SITE STATUS: Final concurrence issued, case close
PRP: CHEVRON PRODUCTS CO
PRP ADDRESS: PO BOX 4256
HOUSTON TX 77210
PRP CONTACT: JEFF DOWNING
PRP PHONE: 713/219-5210

LUST INFORMATION

TANK NUMBER: 1
STATUS: Removed From Ground
STATUS DATE: 06031991
INSTALL DATE: 01011956
REGISTERED DATE: 05081986
CAPACITY: 0000550 Gallons
EXT CONTAINMENT DESIGN: -
-
CONSTRUCTION MATERIAL: Steel
CORROSION PROTECTION: -
-
CORROSION PROT VARIANCE: No Variance
STG 1 VAPOR RECOVERY EQUIP STATUS: Not Reported
STG 1 EQUIP INSTALL DATE:
STG 2 VAPOR RECOVERY EQUIP STATUS:
STG 2 EQUIP INSTALL DATE:

INSTALLER COMPANY:
INSTALLER NAME:
INSTALLER LICENSE NUMBER:

TYPE OF PIPE:
PIPE MATERIAL:
PIPE DESIGN EXT CONTAINMENT: -
PIPE CONECTORS & VALVES: - -
PIPE CORROSION PROTECTION: -
- None
PIPE CORROSION PROT VARIANCE: No Variance

SUBSTANCE STORED: USED OIL
TANK RLSE DETECTION METHODS: - - - None
TANK RLSE DETECTION VARIANCE: No Variance
PIPE RLSE DETECTION METHODS: - - - None
PIPE RLSE VARIANCE: No Variance
SPILL/OVERFILL PREVENTION: - -
SPILL/OVERFILL VARIANCE: No Variance

- Continued on next page -

Environmental FirstSearch
Site Detail Report

TARGET SITE: 10305 ROANDALE DR
HOUSTON TX 77048

JOB: 31200

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 2

DIST/DIR: 0.22 NW

MAP ID: 1

NAME: GULF OIL CORP 60108020
ADDRESS: 10315 CULLEN
HOUSTON TX 77047
HARRIS
CONTACT: JEFF DOWNING

REV: 06/27/05
ID1: 094059
ID2: 0029195
STATUS:
PHONE: 713/219-5210

TANK NUMBER: 4
STATUS: Removed From Ground
STATUS DATE: 06031991
INSTALL DATE: 01011972
REGISTERED DATE: 05081986
CAPACITY: 0008000 Gallons
EXT CONTAINMENT DESIGN: -
-
CONSTRUCTION MATERIAL: Steel
CORROSION PROTECTION: -
-
CORROSION PROT VARIANCE: No Variance
STG 1 VAPOR RECOVERY EQUIP STATUS: Not Reported
STG 1 EQUIP INSTALL DATE:
STG 2 VAPOR RECOVERY EQUIP STATUS: Not Reported
STG 2 EQUIP INSTALL DATE:

INSTALLER COMPANY:
INSTALLER NAME:
INSTALLER LICENSE NUMBER:

TYPE OF PIPE:
PIPE MATERIAL:
PIPE DESIGN EXT CONTAINMENT: -
PIPE CONECTORS & VALVES: - -
PIPE CORROSION PROTECTION: -
- None
PIPE CORROSION PROT VARIANCE: No Variance

SUBSTANCE STORED: GASOLINE
TANK RLSE DETECTION METHODS: - - - None
TANK RLSE DETECTION VARIANCE: No Variance
PIPE RLSE DETECTION METHODS: - - - None
PIPE RLSE VARIANCE: No Variance
SPILL/OVERFILL PREVENTION: - -
SPILL/OVERFILL VARIANCE: No Variance

TANK NUMBER: 3
STATUS: Removed From Ground
STATUS DATE: 06031991
INSTALL DATE: 01011972
REGISTERED DATE: 05081986
CAPACITY: 0006000 Gallons
EXT CONTAINMENT DESIGN: -
-
CONSTRUCTION MATERIAL: Steel
CORROSION PROTECTION: -
-

- Continued on next page -

Environmental FirstSearch
Site Detail Report

TARGET SITE: 10305 ROANDALE DR
HOUSTON TX 77048

JOB: 31200

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 2

DIST/DIR: 0.22 NW

MAP ID: 1

NAME: GULF OIL CORP 60108020
ADDRESS: 10315 CULLEN
HOUSTON TX 77047
HARRIS
CONTACT: JEFF DOWNING

REV: 06/27/05
ID1: 094059
ID2: 0029195
STATUS:
PHONE: 713/219-5210

CORROSION PROT VARIANCE: No Variance
STG 1 VAPOR RECOVERY EQUIP STATUS: Not Reported
STG 1 EQUIP INSTALL DATE:
STG 2 VAPOR RECOVERY EQUIP STATUS: Not Reported
STG 2 EQUIP INSTALL DATE:

INSTALLER COMPANY:
INSTALLER NAME:
INSTALLER LICENSE NUMBER:

TYPE OF PIPE:

PIPE MATERIAL:

PIPE DESIGN EXT CONTAINMENT:

PIPE CONECTORS & VALVES:

PIPE CORROSION PROTECTION:

PIPE CORROSION PROT VARIANCE: No Variance

SUBSTANCE STORED: GASOLINE

TANK RLSE DETECTION METHODS: - - - None

TANK RLSE DETECTION VARIANCE: No Variance

PIPE RLSE DETECTION METHODS: - - - None

PIPE RLSE VARIANCE: No Variance

SPILL/OVERFILL PREVENTION: - -

SPILL/OVERFILL VARIANCE: No Variance

TANK NUMBER: 2

STATUS: Removed From Ground

STATUS DATE: 06031991

INSTALL DATE: 01011972

REGISTERED DATE: 05081986

CAPACITY: 0006000 Gallons

EXT CONTAINMENT DESIGN:

CONSTRUCTION MATERIAL:

CORROSION PROTECTION:

CORROSION PROT VARIANCE: No Variance

STG 1 VAPOR RECOVERY EQUIP STATUS: Not Reported

STG 1 EQUIP INSTALL DATE:

STG 2 VAPOR RECOVERY EQUIP STATUS: Not Reported

STG 2 EQUIP INSTALL DATE:

INSTALLER COMPANY:

INSTALLER NAME:

INSTALLER LICENSE NUMBER:

TYPE OF PIPE:

PIPE MATERIAL:

PIPE DESIGN EXT CONTAINMENT:

- Continued on next page -

***Environmental FirstSearch
Site Detail Report***

TARGET SITE: 10305 ROANDALE DR
HOUSTON TX 77048

JOB: 31200

LEAKING UNDERGROUND STORAGE TANKS

SEARCH ID: 2

DIST/DIR: 0.22 NW

MAP ID: 1

NAME: GULF OIL CORP 60108020
ADDRESS: 10315 CULLEN
HOUSTON TX 77047
HARRIS
CONTACT: JEFF DOWNING

REV: 06/27/05
ID1: 094059
ID2: 0029195
STATUS:
PHONE: 713/219-5210

PIPE CONECTORS & VALVES:	- -
PIPE CORROSION PROTECTION:	-
	- None
PIPE CORROSION PROT VARIANCE:	No Variance
SUBSTANCE STORED:	GASOLINE
TANK RLSE DETECTION METHODS:	- - - None
TANK RLSE DETECTION VARIANCE:	No Variance
PIPE RLSE DETECTION METHODS:	- - - None
PIPE RLSE VARIANCE:	No Variance
SPILL/OVERFILL PREVENTION:	- -
SPILL/OVERFILL VARIANCE:	No Variance

JOB: 31200

MAP ID: 1

REV: 6/24/2005
ID1: 0029195
ID2:
STATUS:
PHONE: 7137543709

NUMBER OF USTS ON SITE:	0004
NUMBER OF ASTS ON SITE:	0000
TNRCC FACILITY ID:	0029195
TNRCC CUSTOMER ID:	13675
FACILITY TYPE:	
FACILITY MANAGER:	YVONNE MOODY REP
MANAGER PHONE:	7137543709

TYPE:	Corporation
COMPANY:	GULF OIL CORP
ADDRESS:	
	SAN RAMON CA 94583-0904
PO BOX:	PO BOX 6004
CONTACT:	PERMIT DESK
CONTACT PHONE:	925-842-9002
AMENDMENTS:	Owner Name Changed

TANK NUMBER:	1
STATUS:	Removed From Ground
STATUS DATE:	06031991
INSTALL DATE:	01011956
REGISTERED DATE:	05081986
CAPACITY:	0000550 Gallons
EXT CONTAINMENT DESIGN:	-
	-
CONSTRUCTION MATERIAL:	Steel
CORROSION PROTECTION:	-
	-
CORROSION PROT VARIANCE:	No Variance
STG 1 VAPOR RECOVERY EQUIP STATUS:	Not Reported
STG 1 EQUIP INSTALL DATE:	
STG 2 VAPOR RECOVERY EQUIP STATUS:	
STG 2 EQUIP INSTALL DATE:	

TYPE OF PIPE:
PIPE MATERIAL:
PIPE DESIGN EXT CONTAINMENT:
PIPE CONECTORS & VALVES:

Site Details Page - 5

Environmental FirstSearch
Site Detail Report

TARGET SITE: 10305 ROANDALE DR
HOUSTON TX 77048

JOB: 31200

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 1

DIST/DIR: 0.22 NW

MAP ID: 1

NAME: GULF OIL CORP
ADDRESS: 10315 CULLEN
HOUSTON TX 77047
HARRIS
CONTACT: YVONNE MOODY

REV: 6/24/2005
ID1: 0029195
ID2:
STATUS:
PHONE: 7137543709

PIPE CORROSION PROTECTION: -
- None
PIPE CORROSION PROT VARIANCE: No Variance

SUBSTANCE STORED: USED OIL
TANK RLSE DETECTION METHODS: - - - None
TANK RLSE DETECTION VARIANCE: No Variance
PIPE RLSE DETECTION METHODS: - - - None
PIPE RLSE VARIANCE: No Variance
SPILL/OVERFILL PREVENTION: - -
SPILL/OVERFILL VARIANCE: No Variance

TANK NUMBER: 4
STATUS: Removed From Ground
STATUS DATE: 06031991
INSTALL DATE: 01011972
REGISTERED DATE: 05081986
CAPACITY: 0008000 Gallons
EXT CONTAINMENT DESIGN: -
-
CONSTRUCTION MATERIAL: Steel
CORROSION PROTECTION: -
-
CORROSION PROT VARIANCE: No Variance
STG 1 VAPOR RECOVERY EQUIP STATUS: Not Reported
STG 1 EQUIP INSTALL DATE:
STG 2 VAPOR RECOVERY EQUIP STATUS: Not Reported
STG 2 EQUIP INSTALL DATE:

INSTALLER COMPANY:
INSTALLER NAME:
INSTALLER LICENSE NUMBER:

TYPE OF PIPE:
PIPE MATERIAL:
PIPE DESIGN EXT CONTAINMENT: -
PIPE CONECTORS & VALVES: - -
PIPE CORROSION PROTECTION: -
- None
PIPE CORROSION PROT VARIANCE: No Variance

SUBSTANCE STORED: GASOLINE
TANK RLSE DETECTION METHODS: - - - None
TANK RLSE DETECTION VARIANCE: No Variance
PIPE RLSE DETECTION METHODS: - - - None
PIPE RLSE VARIANCE: No Variance
SPILL/OVERFILL PREVENTION: - -
SPILL/OVERFILL VARIANCE: No Variance

- Continued on next page -

Environmental FirstSearch
Site Detail Report

TARGET SITE: 10305 ROANDALE DR
HOUSTON TX 77048

JOB: 31200

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 1

DIST/DIR: 0.22 NW

MAP ID: 1

NAME: GULF OIL CORP
ADDRESS: 10315 CULLEN
HOUSTON TX 77047
HARRIS
CONTACT: YVONNE MOODY

REV: 6/24/2005
ID1: 0029195
ID2:
STATUS:
PHONE: 7137543709

TANK NUMBER: 3
STATUS: Removed From Ground
STATUS DATE: 06031991
INSTALL DATE: 01011972
REGISTERED DATE: 05081986
CAPACITY: 0006000 Gallons
EXT CONTAINMENT DESIGN:
-
-
CONSTRUCTION MATERIAL: Steel
CORROSION PROTECTION:
-
-
CORROSION PROT VARIANCE: No Variance
STG 1 VAPOR RECOVERY EQUIP STATUS: Not Reported
STG 1 EQUIP INSTALL DATE:
STG 2 VAPOR RECOVERY EQUIP STATUS: Not Reported
STG 2 EQUIP INSTALL DATE:

INSTALLER COMPANY:
INSTALLER NAME:
INSTALLER LICENSE NUMBER:

TYPE OF PIPE:
PIPE MATERIAL:
PIPE DESIGN EXT CONTAINMENT: -
PIPE CONECTORS & VALVES: - -
PIPE CORROSION PROTECTION:
- None
PIPE CORROSION PROT VARIANCE: No Variance

SUBSTANCE STORED: GASOLINE
TANK RLSE DETECTION METHODS: - - - None
TANK RLSE DETECTION VARIANCE: No Variance
PIPE RLSE DETECTION METHODS: - - - None
PIPE RLSE VARIANCE: No Variance
SPILL/OVERFILL PREVENTION: - -
SPILL/OVERFILL VARIANCE: No Variance

TANK NUMBER: 2
STATUS: Removed From Ground
STATUS DATE: 06031991
INSTALL DATE: 01011972
REGISTERED DATE: 05081986
CAPACITY: 0006000 Gallons
EXT CONTAINMENT DESIGN:
-
-
CONSTRUCTION MATERIAL: Steel
CORROSION PROTECTION:
-
-
CORROSION PROT VARIANCE: No Variance
STG 1 VAPOR RECOVERY EQUIP STATUS: Not Reported

- Continued on next page -

Environmental FirstSearch
Site Detail Report

TARGET SITE: 10305 ROANDALE DR
HOUSTON TX 77048

JOB: 31200

REGISTERED UNDERGROUND STORAGE TANKS

SEARCH ID: 1

DIST/DIR: 0.22 NW

MAP ID: 1

NAME: GULF OIL CORP
ADDRESS: 10315 CULLEN
HOUSTON TX 77047
HARRIS
CONTACT: YVONNE MOODY

REV: 6/24/2005
ID1: 0029195
ID2:
STATUS:
PHONE: 7137543709

STG 1 EQUIP INSTALL DATE:
STG 2 VAPOR RECOVERY EQUIP STATUS: Not Reported
STG 2 EQUIP INSTALL DATE:

INSTALLER COMPANY:
INSTALLER NAME:
INSTALLER LICENSE NUMBER:

TYPE OF PIPE:
PIPE MATERIAL:
PIPE DESIGN EXT CONTAINMENT: -
PIPE CONECTORS & VALVES: - -
PIPE CORROSION PROTECTION: -
- None
PIPE CORROSION PROT VARIANCE: No Variance

SUBSTANCE STORED: GASOLINE
TANK RLSE DETECTION METHODS: - - - None
TANK RLSE DETECTION VARIANCE: No Variance
PIPE RLSE DETECTION METHODS: - - - None
PIPE RLSE VARIANCE: No Variance
SPILL/OVERFILL PREVENTION: - -
SPILL/OVERFILL VARIANCE: No Variance

AST INFORMATION

Environmental FirstSearch Database Descriptions

NPL: *EPA* NATIONAL PRIORITY LIST - Database of confirmed, proposed or deleted Superfund sites.

CERCLIS: *EPA* COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM - Database of current and potential Superfund sites currently or previously under investigation.

NFRAP: *EPA* COMPREHENSIVE ENVIRONMENTAL RESPONSE COMPENSATION AND LIABILITY INFORMATION SYSTEM ARCHIVED SITES - database of Archive designated CERCLA sites that, to the best of EPA's knowledge, assessment has been completed and has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

RCRA TSD: *EPA* RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM TREATMENT, STORAGE, and DISPOSAL FACILITIES. - Database of facilities licensed to store, treat and dispose of hazardous waste materials.

RCRA COR: *EPA* RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of RCRA facilities with reported violations and subject to corrective actions.

RCRA GEN: *EPA* RESOURCE CONSERVATION AND RECOVERY INFORMATION SYSTEM SITES - Database of facilities that generate or transport hazardous waste or meet other RCRA requirements. LGN - Large Quantity Generators SGN - Small Quantity Generators VGN - Conditionally Exempt Generator. Included are RAATS (RCRA Administrative Action Tracking System) and CMEL (Compliance Monitoring & Enforcement List) facilities.

ERNS: *EPA/NRC* EMERGENCY RESPONSE NOTIFICATION SYSTEM - Database of emergency response actions. Data since January 2001 has been received from the National Response System database as the EPA no longer maintains this data.

STATE SITES: *TCEQ* Listing of sites contained in the State Superfund Registry, listing of all sites in the Voluntary Cleanup Program (VCP) and the Innocent Owner/Operator Program (IOP). Some VCP and IOP sites are noted as having institutional controls placed on them.

SWL: *TCEQ* Listing of all permitted solid waste landfills, transfer stations, and incinerators

OTHER: TCEQ Texas Industrial Hazardous Waste Notice of Registration (IHW NOR) data. The TCEQ enters all information submitted by industrial and hazardous waste transporters, receivers (including recyclers), generators and one time shipments into a database that tracks industrial and hazardous waste generation and management activities in the state of Texas. All facilities of these types receive a solid waste registration number.

REG UST/AST: TCEQ Listing of all underground petroleum storage tanks

LEAKING UST: TCEQ Listing of all leaking underground petroleum storage tanks

OTHER: EPA SECTION SEVEN TRACKING SYSTEM (SSTS) – database of registration and production data for facilities which manufacture pesticides. AEROMETRIC INFORMATION RETRIEVAL SYSTEM (AIRS) – database of detailed information pertaining to sites which submit air emissions reports. Developed under the Clean Air Act, this database also maintains data on compliance status and enforcement actions.

RADON: NTIS NATIONAL RADON DATABASE - EPA radon data from 1990-1991 national radon project collected for a variety of zip codes across the United States.

Environmental FirstSearch Database Sources

NPL: *EPA* Environmental Protection Agency

Updated quarterly

CERCLIS: *EPA* Environmental Protection Agency

Updated quarterly

NFRAP: *EPA* Environmental Protection Agency.

Updated quarterly

RCRA TSD: *EPA* Environmental Protection Agency.

Updated quarterly

RCRA COR: *EPA* Environmental Protection Agency.

Updated quarterly

RCRA GEN: *EPA* Environmental Protection Agency.

Updated quarterly

ERNS: *EPA/NRC* Environmental Protection Agency

Updated semi-annually

STATE SITES: *TCEQ* The Texas Commission on Environmental Quality's Office of Permitting, Remediation and Registration, Remediation Division

Updated quarterly

SWL: *TCEQ* The Texas Commission on Environmental Quality's Office of Permitting, Remediation and Registration, Waste Permits Division, Municipal Solid Waste Permits Section

Updated annually

OTHER: *TCEQ* The Texas Commission on Environmental Quality's Office of Permitting, Remediation and Registration

Updated quarterly

REG UST/AST: *TCEQ* The Texas Commission on Environmental Quality's Office of Permitting, Remediation and Registration, Waste Permits Division, Petroleum Storage Tank Program

Updated quarterly

LEAKING UST: *TCEQ* The Texas Commission on Environmental Quality's Office of Permitting, Remediation and Registration, Waste Permits Division, Petroleum Storage Tank Program

Updated quarterly

OTHER: *EPA* Environmental Protection Agency

Updated quarterly

RADON: *NTIS* Environmental Protection Agency, National Technical Information Services

Updated periodically

Environmental FirstSearch
Street Name Report for Streets within 1 Mile(s) of Target Property

TARGET SITE: 10305 ROANDALE DR
HOUSTON TX 77048

JOB: 31200

Street Name	Dist/Dir	Street Name	Dist/Dir
Airport Blvd	0.03 NE	Kennedy Heights Blvd	0.82 SW
Akard St	0.44 SW	Lakefield Dr	0.67 NE
Arden Ct	0.57 NW	Leitrim Way	0.67 SW
Ashburn Ave	0.97 NE	Lockgate Ln	0.45 SE
Barberry Dr	0.76 NW	Long Gate Dr	0.88 SW
Bay Cedar Ct	0.89 SE	Madden Ln	0.99 SE
Bay Cedar Dr	0.46 SE	Mallow St	0.89 NE
Bayfield Dr	0.94 NE	Martin Luther King J	0.90 NE
Bloomfield St	1.00 NW	Meadow Park Dr	0.03 SE
Botany Ln	0.90 SW	Merle St	0.87 NE
Brisbane Rd	0.63 S-	Mill Valley Rd	0.94 SW
Canterway Dr	0.76 SE	Mosscrest Dr	0.47 SE
Cape Hyannis Dr	0.96 SW	Mowery Rd	0.76 SW
Carlton Dr	0.94 SW	Murr Way	0.19 SE
Carmen St	0.72 N-	Nita St	0.99 SW
Cedarburg Cir	0.96 SE	Noel St	0.68 NE
Chain St	0.97 NE	Osprey Dr	0.84 SE
Chimira Ln	0.98 NW	Palisade Dr	0.02 NW
Clover St	0.96 NW	Panay Dr	0.53 SE
Coffee St	0.40 NW	Paradise Ln	0.08 SE
Colt	0.54 NE	Paula St	0.57 N-
Corksie Dr	0.99 NW	Peacock	0.49 NE
Cresthaven Cir	0.75 SE	Pederson Dr	0.46 NE
Cullen Blvd	0.23 NW	Phlox St	0.87 NW
Dacca Dr	0.43 SW	Reed Rd	0.80 NW
Dawson Ln	0.84 NW	Richfield Ln	0.12 SE
Denoron Dr	0.56 SE	Ricky St	0.16 NE
Dobie	0.14 NE	Roandale Dr	0.02 NW
Donegal Way	0.51 SW	Rockford Dr	0.79 SE
Duane St	0.32 SW	Rockingham Ave	0.87 NW
Dumore Dr	0.50 S-	Rubin St	0.47 SW
Edgar St	0.57 SW	Rue St	0.21 NE
Elm Spring Dr	0.96 SE	Sabra Ct	0.19 SW
Elm Tree Dr	0.96 SE	Safeguard St	0.41 SW
Elmlawn Dr	0.68 NE	Saint Lo Rd	0.67 NE
Fawngrove Dr	0.94 SE	Sandhurst Dr	0.80 SE
Fawnway Dr	0.89 SE	Sandrook Dr	0.85 SE
Ferdinand St	0.75 NW	Scenic Dr	0.05 NW
Friar Point Rd	0.51 SW	Scott St	0.98 NW
Glen Hollow Dr	0.56 SE	Segrest Dr	0.77 SW
Glenside St	1.00 NE	Selinsky Rd	0.61 SE
Grace Point Ln	0.69 SE	Shorehaven Cir	0.70 SE
Grassmere St	0.81 NW	Silver Stone St	0.82 SE
Greenshire Dr	0.84 SW	Sorsby Way	0.62 SW
Greylog Dr	0.66 SE	South Acres Dr	0.31 S-
Groton Dr	0.56 SW	Southbrook Dr	1.00 NE
Groveton St	0.14 NE	Southview St	0.79 SW
Hartsville Rd	0.57 SW	St Lo Rd	0.97 NE

Environmental FirstSearch
Street Name Report for Streets within 1 Mile(s) of Target Property

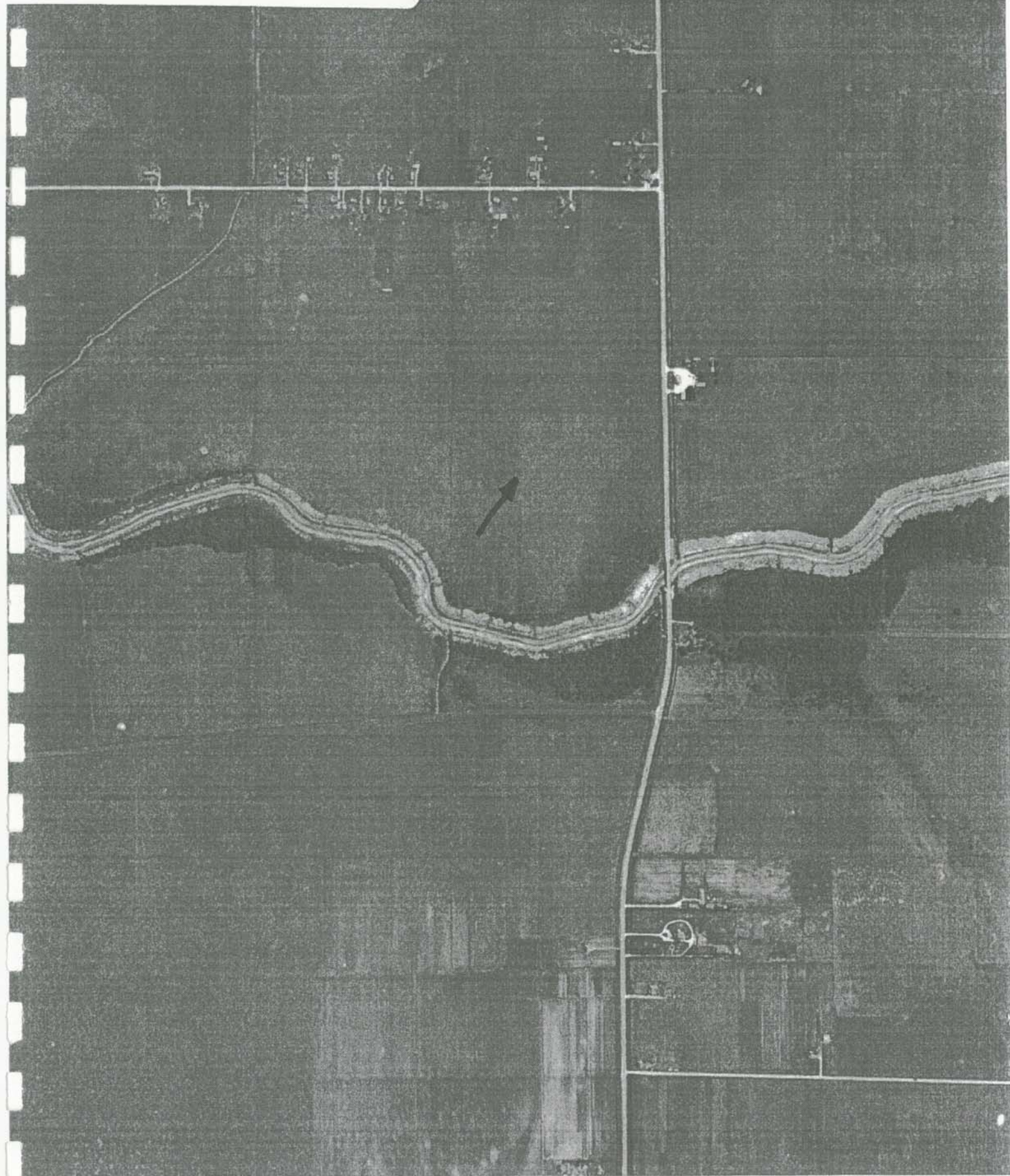
TARGET SITE: 10305 ROANDALE DR
HOUSTON TX 77048

JOB: 31200

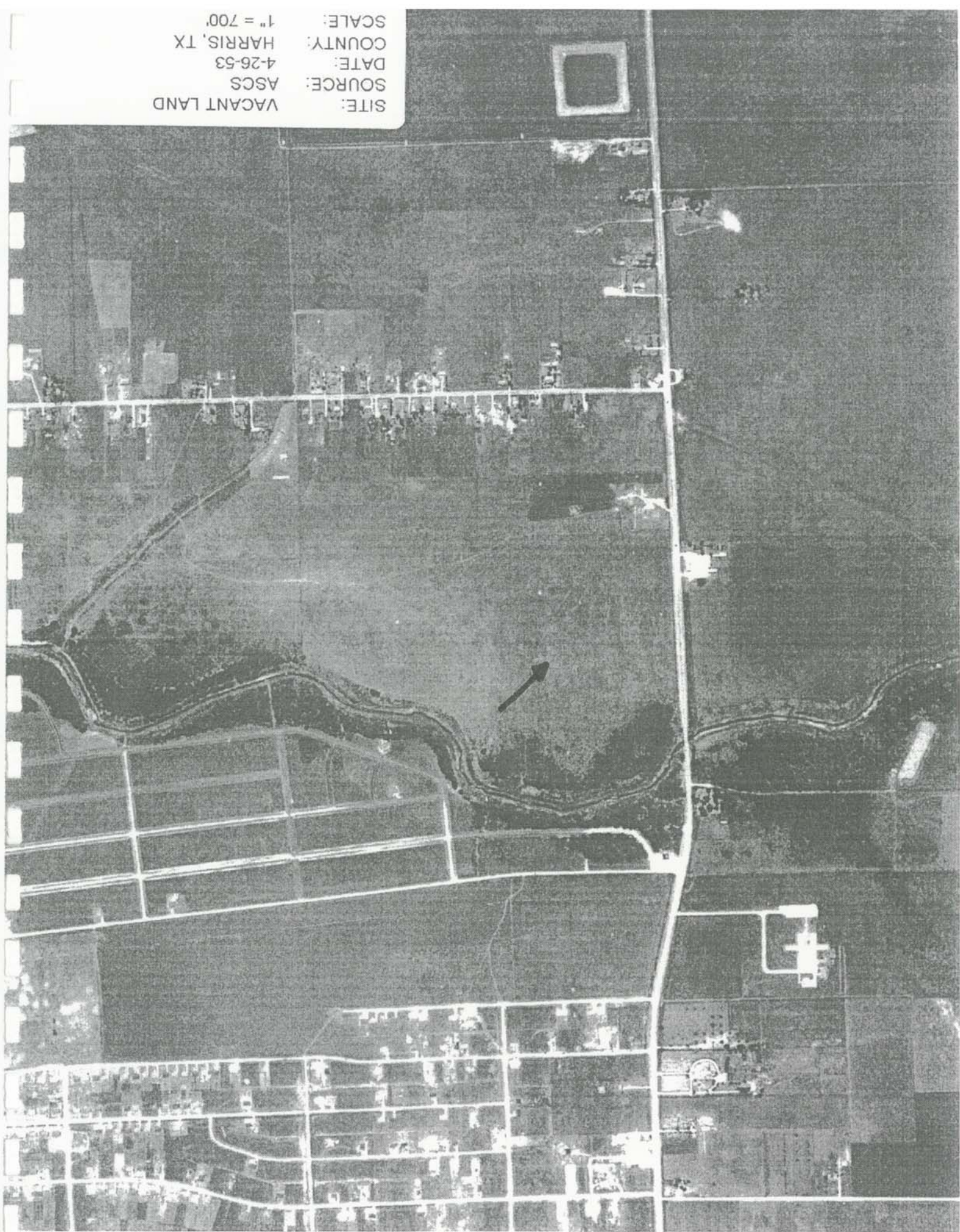
Street Name	Dist/Dir	Street Name	Dist/Dir
Higgins St	0.51 N-	Sunbeam St	0.25 N-
Hirondel St	0.93 NE	Tareyton Ln	0.86 SW
Holloway Ct	0.22 SW	Tavenor Ln	0.85 SE
Holloway Dr	0.19 SE	Teneha Dr	0.59 NE
Howcher St	0.70 SE	Vine Arbor St	0.89 NE
Hunkler Dr	0.37 SW	Waterford Dr	0.91 SE
Jethro St	0.42 NE	Wenda St	0.40 NW
Jezebel St	0.25 NE	Wilmington St	0.63 N-
Jipsie Ln	0.99 NW	Woodgreen St	0.95 NE
Jutland Rd	0.24 NE		

APPENDIX-D

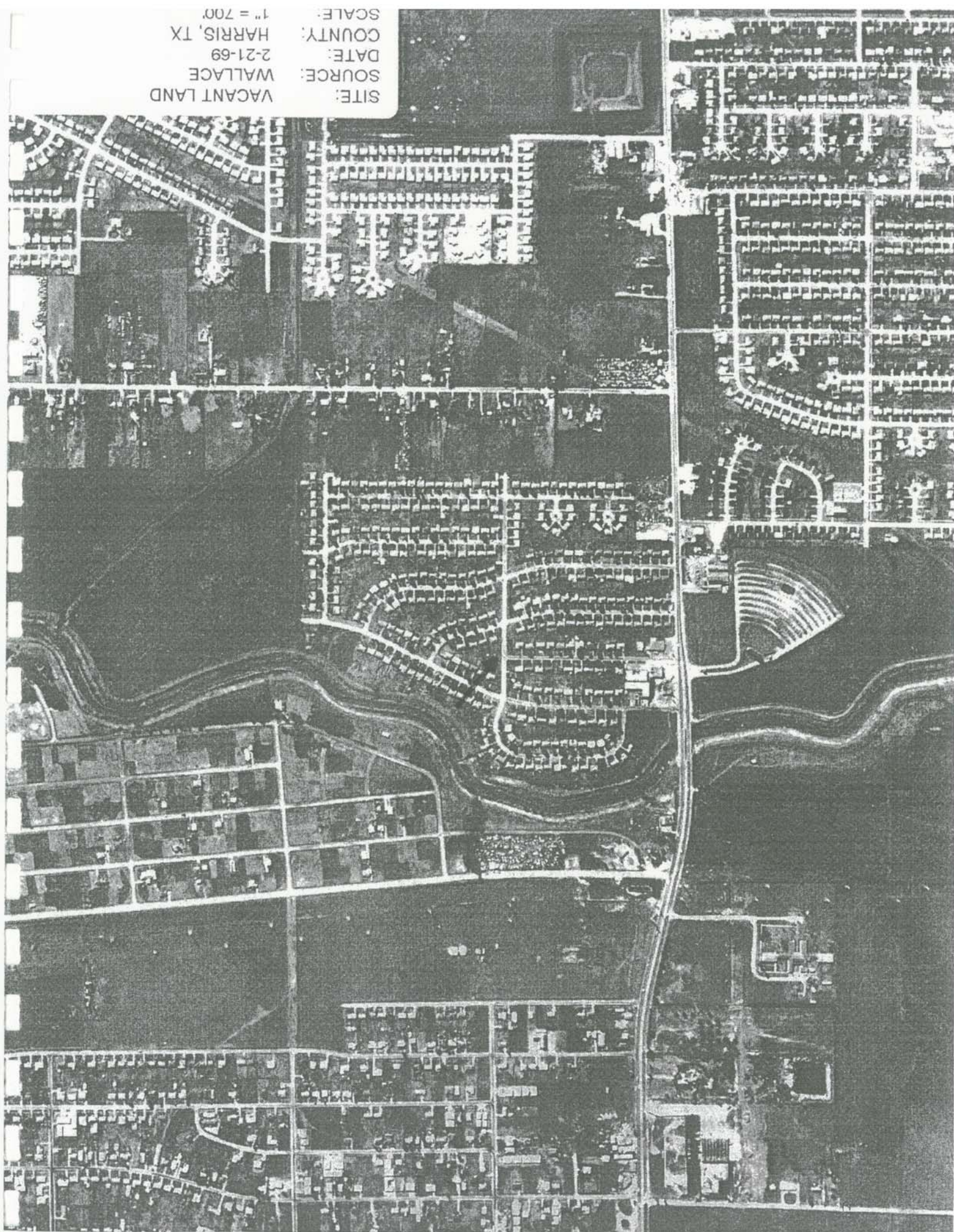
SITE:
SOURCE: ASCS
DATE: 4-3-44
COUNTY: HARRIS, TX
SCALE: 1" = 700'



SITE:
VACANT LAND
SOURCE: ASCS
DATE: 4-26-53
COUNTY: HARRIS, TX
SCALE: 1" = 700'



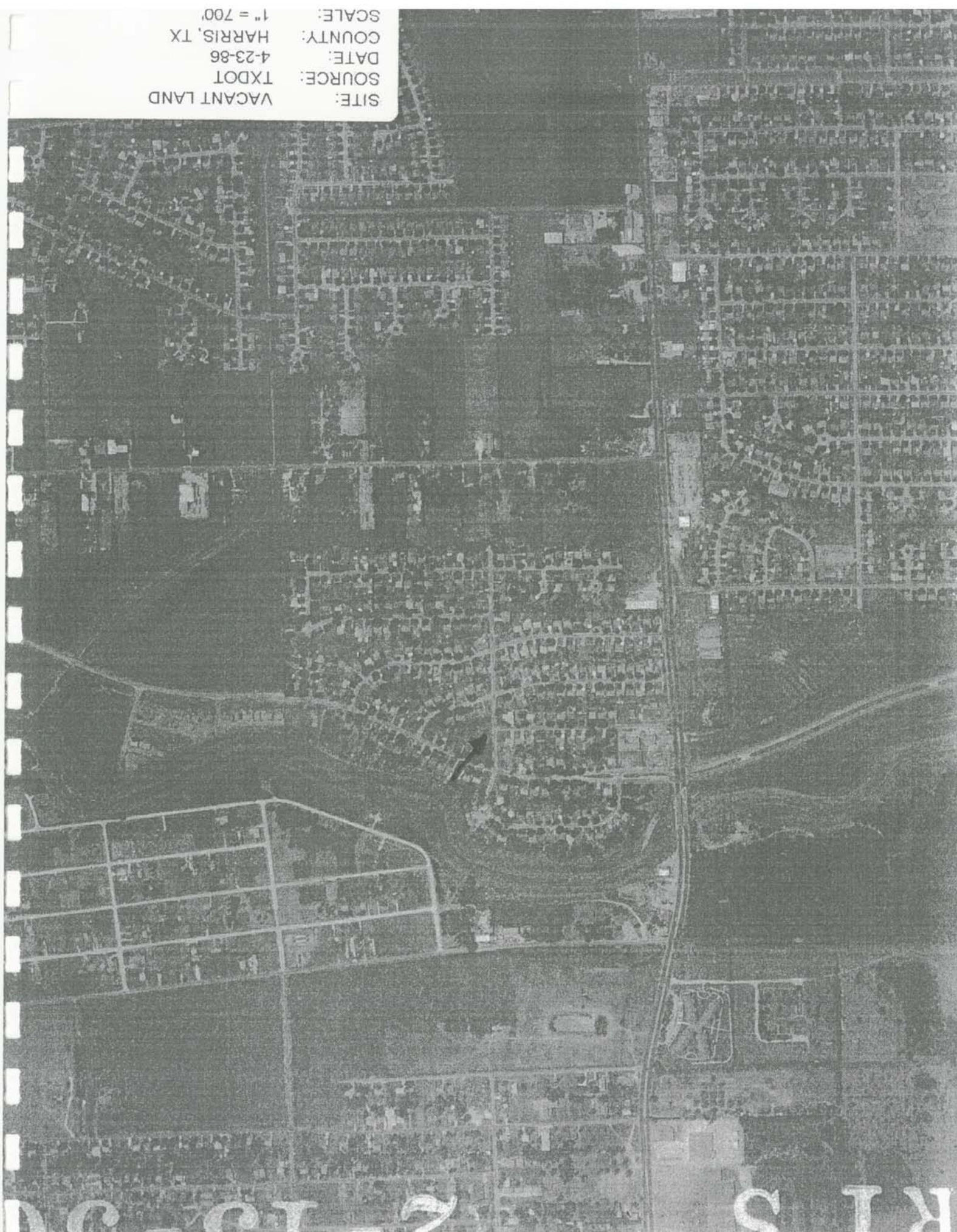
SITE: VACANT LAND
SOURCE: WALLACE
DATE: 2-21-69
COUNTY: HARRIS, TX
SCALE: 1" = 700'



SITE: VACANT LAND
SOURCE: TXDOT
DATE: 3-25-79
COUNTY: HARRIS, TX
SCALE: 1" = 700'



SITE: VACANT LAND
SOURCE: TXDOT
DATE: 4-23-86
COUNTY: HARRIS, TX
SCALE: 1" = 700'

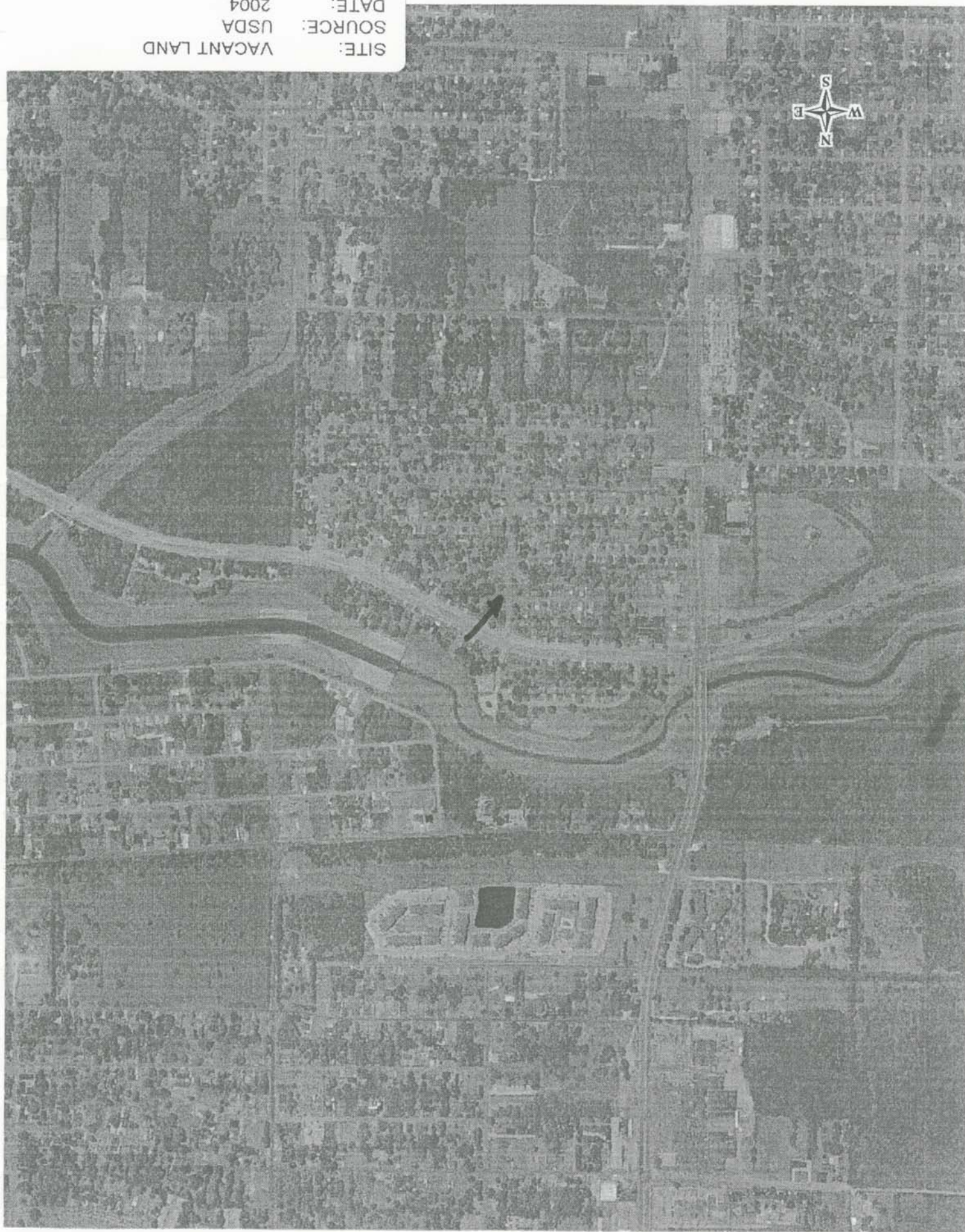


RT S 2 10 00

SITE:
SOURCE: USGS
DATE: 1-1996
COUNTY: HARRIS, TX
SCALE: 1" = 700'



SITE: VACANT LAND
SOURCE: USDA
DATE: 2004
COUNTY: HARRIS, TX
SCALE: 1" = 700'



APPENDIX-E



Subject site



Concrete foundation pad at the property



Sites to the south



Sites to the west



Sites to the northeast



Sites to the north